

Title (en)

Compressor blade leading edge shim and related method

Title (de)

Zwischenstück einer Vorderkante einer Verdichterschaufel und zugehöriges Verfahren

Title (fr)

Cale de bord d'attaque d'aube de compresseur et procédé associé

Publication

**EP 2161457 A2 20100310 (EN)**

Application

**EP 09166070 A 20090722**

Priority

US 22206708 A 20080731

Abstract (en)

A method of improving an erosion resistance at the leading edge (16) of a compressor blade (12) includes: a) cleaning a leading edge portion (16) of the compressor blade airfoil; and b) attaching one or more erosion or corrosion-resistant shims (24) to the leading edge portion (16).

IPC 8 full level

**F04D 29/02** (2006.01); **F01D 5/00** (2006.01); **F01D 5/28** (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP US)

**F01D 5/005** (2013.01 - EP US); **F01D 5/28** (2013.01 - EP US); **F04D 29/023** (2013.01 - EP US); **F04D 29/324** (2013.01 - EP US); **F05D 2230/23** (2013.01 - EP US); **F05D 2230/80** (2013.01 - EP US); **F05D 2240/303** (2013.01 - EP US); **F05D 2260/95** (2013.01 - EP US); **F05D 2300/2284** (2013.01 - EP US); **Y10T 29/49337** (2015.01 - EP US)

Cited by

US10907618B2; EP3513060B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**US 2010028160 A1 20100204**; CN 101639080 A 20100203; EP 2161457 A2 20100310; JP 2010038156 A 20100218

DOCDB simple family (application)

**US 22206708 A 20080731**; CN 200910165831 A 20090730; EP 09166070 A 20090722; JP 2009172612 A 20090724